

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/JP2005/014806

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G06T17/30

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G06T

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC, COMPENDEX

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>KOBELT L ET AL: "Freeform shape representations for efficient geometry processing"</p> <p>SHAPE MODELING INTERNATIONAL, 2003 12-15 MAY 2003, PISCATAWAY, NJ, USA, IEEE, 12 May 2003 (2003-05-12), pages 111-115, XP010639689</p> <p>ISBN: 0-7695-1909-1</p> <p>abstract</p> <p>page 111, right-hand column, lines 6-8</p> <p>page 112, left-hand column, lines 7-52</p> <p>page 112, right-hand column, lines 16-24</p> <p>page 113, left-hand column, lines 11-37</p> <p>-----</p> <p>-/--</p>	1-17

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

\* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

28 October 2005

Date of mailing of the international search report

07/11/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 081 656 A (MITSUBISHI DENKI KABUSHIKI KAISHA) 7 March 2001 (2001-03-07) abstract paragraphs '0026!, '0069! - '0074!, '0089!, '0140!	1-17
X	SIGG C ET AL INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS: "Signed distance transform using graphics hardware" VIS 2003. IEEE VISUALIZATION 2003. PROCEEDINGS. SEATTLE, WA, OCT. 19 - 24, 2003, ANNUAL IEEE CONFERENCE ON VISUALIZATION, NEW YORK, NY : IEEE, US, 19 October 2003 (2003-10-19), pages 83-90, XP010671741 ISBN: 0-7803-8120-3 abstract sections "2. Distance Fields", "5. Results"	1-3,6-9, 12-15

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP 1081656	A	07-03-2001 JP 2001084410 A	30-03-2001